

## Refine Search

### Search Results -

Terms	Documents
L6 same (hologra\$6 or grating\$1)	5674

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Monday, August 23, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L8</u>	L6 same (hologra\$6 or grating\$1)	5674	<u>L8</u>
<u>L7</u>	L6 and hologra\$6	7525	<u>L7</u>
<u>L6</u>	pdlc or (lc or (liquid near2 crystal\$4))	932011	<u>L6</u>
<u>L5</u>	pdlc or (polymer near5 (lc or (liquid near2 crystal\$4)))	24977	<u>L5</u>
<u>L4</u>	l3 and @ad<20000524	67	<u>L4</u>
<u>L3</u>	((replay\$4) with (record\$6 or copy or coopying or copied or duplicat\$6)) same hologra\$6	117	<u>L3</u>
<u>L2</u>	(replay\$4) with (record\$6 or copy or coopying or copied or duplicat\$6) same hologra\$6	117	<u>L2</u>
<u>L1</u>	(replay\$4) with (record\$6) same hologra\$6	114	<u>L1</u>

END OF SEARCH HISTORY

L Number	Hits	Search Text	DB	Time stamp
1	241	359/12.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:33
2	30	359/12.ccls. and (pdlc or lc or (liquid near3 crystal\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:37
3	420	(pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with hologra\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:38
4	566	(pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:39
5	61501	(record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) with (hologra\$6 or grating\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:41
6	409	((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) and ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) with (hologra\$6 or grating\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:41
7	48167	(record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:41
8	335	((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) and ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:41
9	234	((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) same ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:42
10	101	((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) and ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1)) not (((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) same ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 14:42
11	122	((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) same ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1)) and @ad<20000524	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/23 15:00

12	61	(((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) and ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1))) not (((pdlc or (polymer\$4 near5 (liquid near3 crystal\$4))) with (hologra\$6 or grating\$1)) same ((record\$4 or make or form\$4 or making or produc\$4 or duplicat\$4 or master\$4 or replicat\$4 or copy\$4 or copi\$4) near5 (hologra\$6 or grating\$1)))) and @ad<20000524	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/23 15:00
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(121) Tzakis; US 5188638 A 1993  
 (122) Vaz; US 4728547 A 1988 CAPLUS  
 (123) Von Bally, G; Applied Optics 1984, v23(11), P1725  
 (124) wang; US 5270843 A 1993 CAPLUS  
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 (135) Zhang, J; J Am Chem Soc 1992, v114(4), P1506 CAPLUS  
 (136) Zhang, J; SPIE 1994, v2042, P238 CAPLUS

=> d his

(FILE 'HOME' ENTERED AT 13:09:19 ON 23 AUG 2004)

FILE 'CAPLUS, INSPEC' ENTERED AT 13:09:27 ON 23 AUG 2004

L1 631 S (COPY? OR COPI? OR DUPLICA?)(P)HOLOGRA?  
 L2 20 S L1 AND (PDLC? OR ELECTRICAL? OR LC? OR (LIQUID(2A)CRYSTAL?))  
 L3 68 S L1 AND (PDLC? OR ELECTRICAL? OR CONTROL? OR LC? OR (LIQUID(2A  
 L4 62 S L1 AND (PDLC? OR ELECTRICAL? OR ELECTRODE? OR VARIABLE OR LC?  
 L5 2637 S HOLOGRA? AND (PDLC? OR LC? OR (LIQUID(2A)CRYSTAL?))  
 L6 856 S HOLOGRA? AND (PDLC? OR (POLYMER?(3A)(LC? OR (LIQUID(2A)CRYSTA  
 L7 16177 S HOLOGRA?(5A)(FORM? OR MAK? OR RECORD? OR COPY? OR COPIED OR C  
 L8 416 S L6 AND L7  
 L9 577 S HOLOGRA?(5A)(COPY? OR COPIED OR COPIES OR DUPLICAT? OR MASTER  
 L10 1 S L6 AND L9

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	335.42	335.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-25.20	-25.20

STN INTERNATIONAL LOGOFF AT 13:19:48 ON 23 AUG 2004